

Claims 1, 3, 4 and 5 are amended as follows:

1. (AMENDED) A method of raising the blood sugar level in a mammal having hypoglycemia by reducing degradation of glucagon, said method comprising administering to said mammal a therapeutically effective amount of an inhibitor for reducing enzymatic activity of dipeptidyl peptidase (DP IV) and DP IV-analogous enzymes.

3. (AMENDED) The method of claim 1, wherein the inhibitor is selected from the group consisting of DP IV enzyme inhibitors, substrates of DP IV, pseudo-substrates of DP IV, inhibitors of DP IV expression, proteins that bind DP IV or antibodies to DP IV and combinations thereof.

4. (AMENDED) The method of claim 1, wherein the inhibitor for reducing enzymatic activity is employed together with glucagon or analogues thereof.

5. (AMENDED) The method of claim 1, wherein the inhibitor for reducing enzymatic activity is employed in combination with physiologically acceptable adjuvants and/or excipients.